

AMS/FAST CHANGE REQUEST (CR) COVERSHEET

Change Request Number: 23-04

Date Received: November 9, 2022

Title: Updates to Verification & Validation Guidelines (Version 4)

Initiator Name: John Frederick

Initiator Organization Name / Routing Code:

Verification & Validation Strategies and Practices, ANG-E5A

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Policy and Guidance: (Please check only one box)

- | | |
|---|---|
| <input type="checkbox"/> Policy | <input type="checkbox"/> Procurement Tools and Resources |
| <input type="checkbox"/> Guidance | <input type="checkbox"/> Real Property Templates and Samples |
| <input type="checkbox"/> Procurement Samples | <input type="checkbox"/> Procurement Clauses |
| <input type="checkbox"/> Procurement Templates | <input type="checkbox"/> Real Property Clauses |
| <input type="checkbox"/> Procurement Forms | <input checked="" type="checkbox"/> Other Tools and Resources |
| <input type="checkbox"/> Procurement Checklists | |

Summary of Change:

Revision of the Verification and Validation Guidelines. Addition of the AMS Relational Model (ARM) for Verification and Validation to the V&V FAST Toolkit

https://fast.faa.gov/AMSBB_Verification_Validation.cfm.

Reason for Change:

Version 3 of the Verification and Validation Guidelines was issued in April 2017. Version 4 incorporates changes to the document that address the improved guidance and application of verification and validation standards and practices across the FAA AMS Lifecycle in the areas of V&V planning, performing, and reporting in support of AMS policy objectives and AMS Decision Points.

The AMS Relational Model (ARM) is described in the the new version of the Verification and Validation Guidelines. The ARM in the V&V Toolkit provides an interactive model depicting AMS relationships in support of systematic, consistent, and early V&V practices as defined in the V&V Guidelines document.

Development, Review, and Concurrence:

Update reviewed by ANG-E5A T&E and V&V SMEs.

Target Audience:

T&E and V&V services stakeholders and providers for AMS Investment programs.

Briefing Planned: Yes. ASAG Presented on 11/15/22. ASAG Approved on 11/29/22.

ASAG Responsibilities: Review and comment.

Section / Text Location:

AMS Building Blocks, Verification and Validation, Toolkit
Add new Toolkit Box "AMS Relational Model (ARM)"

The redline version must be a comparison with the current published FAST version.

☒ I confirm I used the latest published version to create this change / redline

or

☐ This is new content

Links:

Add a new Toolkit Box "AMS Relational Model (ARM) "

Link: <https://dev->

[www.faa.gov/about/office_org/headquarters_offices/ang/offices/tc/library/Storyboard/interactiveFlowChart/index.html](https://dev-www.faa.gov/about/office_org/headquarters_offices/ang/offices/tc/library/Storyboard/interactiveFlowChart/index.html)

https://fast.faa.gov/AMSBB_Verification_Validation.cfm

Attachments: Redline and final documents.

Other Files: N/A.